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### Litigation + Business

July 22, 2019

#### **VIA ELECTRONIC FILING**

The Honorable Jocelyn Boyd Chief Clerk / Administrator Public Service Commission of South Carolina 101 Executive Center Dr., Suite 100 Columbia, SC 29210

RE: Demand Side Management/Energy Efficiency ("DSM/EE") Quarterly Report

Docket No. 2011-181-E

Dear Ms. Boyd:

Pursuant to the Commission's Order issued September 2, 2011 in Docket No. 2011-181-E, Duke Energy Progress, LLC. ("DEP") submits its quarterly report pertaining to Rider DSM/EE-10 and its EM&V schedule for Demand Side Management/Energy Efficiency ("DSM/EE") programs. The schedules accompanying this submission, for the quarter ending June 30, 2019, are as follows:

- Attachment 1 Amounts billed under Rider DSM/EE-10 during the reporting period accompanied by estimates of gross receipts taxes and South Carolina Regulatory Fees;
- Attachment 2 DSM/EE program energy and capacity savings achieved through the end of the reporting period;
- Attachment 3 DEP's anticipated DSM/EE program EM&V schedule; and
- Attachment 4 DEP's System O&M and A&G expenses and amounts allocated to South Carolina.

DEP will continue to submit this report to both the Commission and the Office of Regulatory Staff on a quarterly basis until further order of the Commission.

Please contact me if you have any questions.

Kind regards,

Sam Wellborn

SJW:tch

Enclosure

cc w/enc: Parties of Record (via email)

Heather Shirley Smith, Deputy General Counsel (via email) Rebecca J. Dulin, Associate General Counsel (via email)

# Rider DSM/EE-10 Quarterly Billings

for the Quarter Ending June 30, 2019

### A. Amounts Net of GRT & SC Reg Fee

					Total
Rate Class	KWH	DSM	DSDR	EE	Recovery 🖰
Residential	446,060,969	\$ 1,126,274.69	\$ 608,260.84	\$ 2,891,694.69	\$ 4,626,230.22
Small General Service	61,151,060	\$ (20.60)	\$ 13,422.32	\$ 373,627.52	\$ 387,029.2 <del>/</del>
Medium General Svc	402,376,187	(85.75)	88,394.13	2,458,496.03	2,546,804.4
Large General Service	557,761,595	-	122,707.55	3,407,923.36	3,530,630.9
Lighting	19,507,051	-	-	-	_ 10
Non-Residential (Gross)	1,040,795,893	\$ (106.35)	\$ 224,524.00	\$ 6,240,046.91	\$ 6,464,464.56 G
Opt-Outs					PM
General Service EE	(696,527,804)	\$ 0.59	\$ -	\$ -	\$ 0.59
General Service DSM/DSDR	(693,207,722)	-	(153,235.23)	(4,235,499.03)	(4,388,734.2
Lighting	(329,997)	=	-	=	- Ď
Non-Residential (Opt-Out)	NA	\$ 0.59	\$ (153,235.23)	\$ (4,235,499.03)	\$ (4,388,733.6 <b>7)</b>
Non-Residential (Net)	NA	\$ (105.76)	\$ 71,288.77	\$ 2,004,547.88	\$ 2,075,730.89
Overall Net Recoveries	NA	\$ 1,126,168.93	\$ 679,549.61	\$ 4,896,242.57	\$ 6,701,961.1 <b>7</b>
B. GRT & SC Reg Fee					2011-
Estimated Gross Receipts Tax @	0.30 percent				\$ 20,166.3
Estimated SC Regulatory Fee @	0.1519029 percent				10,195.9 <del>6</del> 1
Total GRT and Regulatory Fee					\$ 30,362.34
					Pa
C. Estimated DSM/EE Billings (See	ctions A + B)				\$ 6,732,323.4
					N

# Duke Energy Progress DSM / EE Program Savings (1)

June 30, 2019

		Year to Date		Cumulative Since Program Inception						
	No. of Participants	kWh Savings	kW Savings	No. of Participants	kWh Savings	kW Savings				
EnergyWise <sup>™</sup> (2)	386,918	-	386,918	386,918	-	386,9187				
CIG Demand Response (2)	24,044	-	24,044	24,044	-	24,0				
Energywise for Business - DR (6)	4,467	-	4,467	4,467	-	4,467				
Residential New Construction	5,655,047	6,879,757	2,059	32,420,032	59,232,100	24,0				
Residential Smart\$aver	9,613	2,771,404	727	291,055	50,769,017	32,449				
Residential Low Income - NES	2,202	945,994	144	43,192	21,243,060	24,00 19 32,449 2,944 150,422				
Residential Lighting Program (3)	1,609,165	21,095,340	3,477	33,662,535	949,752,860	150,4				
Non-Res Smart\$aver (3)						بن مهر <sub>90,2</sub>				
Prescriptive Lighting	412,157	29,063,195	5,045	80,342,320	479,384,107	90,2 <b>هم</b>				
Prescriptive HVAC	229,414	804,110	235	3,342,495	11,480,926	3,469				
Prescriptive Motor	-	-	-	976	1,051,620	121				
Prescriptive Refrigeration	1,035	1,914,626	219	808,393	13,465,598	1,3				
Custom Measure	1,315	3,379,826	742	18,686	82,938,714	15,068				
Technical Assistance	10	695		7,148	931,679	<b>&amp;</b>				
Non-Res Smart\$averTotal	643,931	35,162,452	6,241	84,520,018	589,252,643	110,2(2)				
Non-Res Smart\$aver Performance Incentive	13	307,969	35	50	1,753,371	P ∯C				
Small Business Energy Saver (3)	17,177,306	17,062,115	2,797	139,049,214	225,973,038	50,34₽				
My Home Energy Report (7)	794,520	112,606,081	18,983	794,520	112,606,081	18,9				
Energy Efficiency Education Program (K-12)	6,971	2,202,975	263	45,052	10,971,909	2,5				
Multi-Family Energy Efficiency Program	158,660	6,201,581	836	1,329,662	65,637,240	7,8 <b>3</b>				
Save Energy & Water Kit Program	131,672	7,790,143	2,569	1,196,999	67,628,127	17,1 <b>©</b>				
Residential Energy Assessment	20,505	3,852,745	464	123,857	20,307,479	2,870 7 <u>96</u> 1				
Energywise for Business EE (6)	1,639	29,502	9	5,320	2,478,608	7 <u>96.</u> 				
Low-Income Weatherization Pilot	206	22,429	4	206	22,429	1				
<u>Closed Programs</u> Business Energy Report - Pilot (5)	-	-	-	25,809	8,472,181	1,3 <b>80</b> (Q 3,118)				
Residential Appliance Recycling	-	-	-	47,834	27,252,360	<sub>3,1</sub> 18 ယ				
Residential Energy Efficiency Benchmarking (4)	-	-	-	42,928	15,402,566	2,6				
Residential Home Advantage (4)	-	-		7,174	8,649,183	3,078				
Residential Solar Water Heating Pilot (4)	-	-		150	31,250	30				
Residential CFL Pilot Program (4)	-	-	-	203,222	6,706,000	630				
Summary Totals	26,626,880	216,930,487	454,038	294,224,258	2,244,141,502	847,253				

<sup>(1)</sup> The values in this report, except where noted, represent estimated net savings at the meter. The reported net savings reflect ongoing annual reductions resulting from the installation of DSM/EE measures during the reporting periods. These amounts have been adjusted to account for the impact of anticipated net to gross relationships.

Subsequent reports will replace estimated savings with verified values, adjusted for appropriate net to gross ratios, as determined through the Measurement and Verification (M&V) process.

<sup>(2)</sup> The EnergyWise<sup>™</sup> participation levels shown represent program capabilities expressed in kW. The CIG Demand Response participation levels reflect contracted values.

 $<sup>\</sup>hbox{\it (3)} \quad \textit{Participation levels shown, represent number of installed measures}.$ 

<sup>(4)</sup> Amounts reflect final net, post EM&V, values.

<sup>(5)</sup> Business Energy Report - Pilot Program terminated 06/30/2017.

<sup>(6)</sup> Demand Response savings identified in EnergyWise for Business-DR line. Participants and savings recognized from the program's conservation measures identified in EnergyWise for Business EE line.

<sup>(7)</sup> Program includes single and multi-family dwellings. Participants are represented as current number of distinct accounts. Impacts represent programs current capabilities for kW and kWh savings.

### Attachment 3

### DEP DSM/EE Programs - Anticipated EM&V Schedule As of June 4, 2019

DEP DSM/EE Programs - Anticipated EM&V Schedule

Program Name	NC Docket	SC Docket	Short name	2019 3rd Quarter	2019 4th Quarter	2020 1st Quarter	2020 2nd Quarter	2020 3rd Quarter	2020 4th Quarter	2021 1st Quarter	Notes
Commercial Demand Response	Docket No. E-2, Sub 953	Docket 2010-41-E	CIG DR				REP (2018)				r
Distribution System Demand Response	Docket No. E-2, Sub 926	Docket 2009-190-E	DSDR								
Nonresidential Smart \$aver EE Products & Assessment (Prescriptive)	Docket No. E-2, Sub 938	Docket 2009-190-E	EEB	PROC/IMP	PROC/IMP	REP					Smart \$aver Prescritpvie DEC combined with DEP
Nonresidential Smart \$aver EE Products & Assessment (Custom)	Docket No. E-2, Sub 938	Docket 2009-190-E	EEB				PROC/IMP	PROC/IMP	PROC/IMP	PROC/IMP	EEB Custom projects combined with DEC Smart \$aver Custom eval report
EnergyWise	Docket No. E-2, Sub 927	Docket 2009-190-E	EW	REP (W2018/2019)		REP (\$2019)		REP (W2018/2019)		REP (S2019)	
EnergyWise for Business	Docket No. E-2, Sub 1086	Docket 2015-163-E	EWB								Next evaluation TBD
Energy Efficiency Education	Docket No. E-2, Sub 1060	Docket 2014-420-E	K12							PROC/IMP	
Residential Energy Assessment	Docket No. E-2, Sub 1094	Docket 2016-82-E	REA				PROC/IMP	REP			Combined DEC/DEP evaluation in 2020/2021
Lighting (Retail)	Docket No. E-2, Sub 950	Docket 2010-41-E	LP								No further EM&V work planned
Multi-Family Energy Efficiency	Docket No. E-2, Sub 1059	Docket 2014-419-E	MF		PROC/IMP	REP					Will be combined DEC/DEP evaluation; evaluation schedule extended
My Home Energy Report	Docket No. E-2, Sub 989	Docket 2011-180-E	MyHER				PROC/IMP	PROC/IMP	REP		
Neighborhood Energy Saver	Docket No. E-2, Sub 952	Docket 2009-190-E	NES	REP							2018 delayed to 2019 due to complete switchover to LEDs; evaluation to be combined with DEC evaluation
Residential New Construction	Docket No. E-2, Sub 1021	Docket 2015-237-E	RNC								Next evaluation tbd
Residential Save Energy & Water Kit	Docket No. E-2 Sub 1085	Docket 2015-322-E	SEW		PROC/IMP	REP					To be combined with DEC evaluation; timing pushed back due to program changes
Small Business Energy Saver	Docket No. E-2, Sub 1022	Docket 2015-163-E	SBES				PROC/IMP	REP			

	LEGEND	
PROC	Process surveys/interviews (customers or other) for purposes of report that follows	
IMP	Impact data collection (onsites, billing data) and analysis for purposes of report that f	ollows
REP	Evaluation, Measurement & Verification Report	

NOTE: THESE DATES ARE SUBJECT TO CHANGE

- Page 5 of 8

# **South Carolina Retail - DSM/EE Cost Summary**

		SOUTH CAROLINA JURISDICTIONALLY ALLOCATED RETAIL COSTS ONLY																
Q2 of Test Period							Capitalized	Amor	rtization	Amortization		Income Taxe	s DSDR		Carrying	Incon	ne Taxes	Rev Reqmt
<b>\(\zeta^2\)</b>	. Of Test reliou						O&M and	of Cap	pitalized	of Capitalized	DSDR Capital	on DSDR	Property	DSDR	Costs Net o	f on C	arrying	Before PPI 8
			0&M	Insurance		ense	A&G		D&M	A&G	Costs	Capital Cost		Depreciation			ost	NLR
	April 2019 through June 2019		(1)	(2)	(3)		(4) ΣCols(1)thru(3)		(5) )+(2))/3	(6) (3)/3	(7)	(8)	(9)	(10)	(11)	(	12)	(13) ΣCols(5)thru(12
	SC DSM Program Expenses						20010(1)111111(0)	(( ')	7 (2),0	(0)/0							•	
1	CIG DR	Per Books	\$ 37,329		\$	_	\$ 37,329	\$	12,443	\$ -					\$ -	\$	- \$	12,44
2	EnergyWise	Per Books	490,621			-	490,621		163,540	-					-			163,54
3	Small Business EE DR	Per Books	71,093				71,093		23,698	-							-	23,69
4	Total DSM	Σ Lines thru 3	\$ 599,043		\$	-	\$ 599,043	\$	199,681	\$ -					\$ -	\$	- \$	199,68
5	DSM Assigned to A&G Cost	Per Books			44	1,801	44,801		-	14,934					78,993	3	17,528	111,45
6	Total DSM and Assigned Cost	Σ Lines 4 thru 5	\$ 599,043		\$ 44	1,801	\$ 643,844	\$	199,681	\$ 14,934					\$ 78,993	3 \$	17,528 \$	
	SC EE Program Expenses													,				,
7	Res Home Energy Improvem't	Per Books	193,063			_	193,063	\$	64,354	_							_	64,35
8	Residential Low Income	Per Books	59,799			_	59,799	\$	19,933	_							_	19,93
9	CIG Energy Efficiency	Per Books	384,788			-	384,788	\$	128,263	_							-	128,26
10	Residential Lighting	Per Books	763,081			-	763,081	\$	254,360	-							-	254,36
11	Res Appliance Recycling	Per Books	-			-	-	\$	-	-					-		-	-
12	EE Behavior Program*	Per Books	266,075			-	266,075	\$	266,075	-					-		-	266,07
13	Small Business Direct Install	Per Books	307,249			-	307,249	\$	102,416	-								102,41
14	Residential New Construction	Per Books	476,662			-	476,662	\$	158,887	-					-		-	158,88
15	K12 Performance - National Theatre	Per Books	44,067			-	44,067	\$	14,689	-								14,68
16	Multi-Family	Per Books	87,413			-	87,413	\$	29,138	-								29,13
17	Residential CFL Property Manager	Per Books	-			-	-	\$	-	-								-
18	Business Energy Report	Per Books	-			-	-	\$	-	-								-
19	Appliances and Devices	Per Books	23,311				23,311	\$	7,770									7,77
20	Residential Energy Assessments	Per Books	126,168				126,168	\$	42,056									42,05
21	Total EE	Σ Lines 7 thru 20	\$ 2,731,676		\$	-	\$ 2,731,676	\$ 1,	,087,941	\$ -					\$ -	\$	- \$	1,087,94
22	EE Assigned to A&G Cost	Per Books		_	178	3,142	178,142		-	59,381					241,94	1	53,680	355,00
23	Total DSM and Assigned Cost	Σ Lines 21 thru 22	\$ 2,731,676		\$ 178	3,142	\$ 2,909,818	\$ 1,	,087,941	\$ 59,381					\$ 241,94	4 \$	53,680 \$	1,442,94
	SC DSDR Program Expenses																	
24	DSDR Program	Per Books	\$ 154,310	\$ 24,362	\$	-	\$ 178,672	\$	59,557	\$ -	\$ 227,163	\$ 49,84	7 \$ 101,528	3 \$ 395,390	\$ 34,847	7 \$	7,732 \$	876,06
25	DSDR Assigned to A&G Cost	Per Books	-			-	-			-							\$	-
26	Total DSM and Assigned Cost	Σ Lines 24 thru 25	\$ 154,310	\$ 24,362	\$	-	\$ 178,672	\$	59,557	\$ -	\$ 227,163	\$ 49,84	7 \$ 101,528	3 \$ 395,390	\$ 34,847	7 \$	7,732 \$	876,06
27	Test Period Totals	Lines 6 + 23 + 26	\$ 3,485,029	\$ 24,362	\$ 222	2,943	\$ 3,732,334	\$ 1,	,347,179	\$ 74,315	\$ 227,163	\$ 49,84	7 \$ 101,528	3 \$ 395,390	) \$ 355,784	1 \$	78,940 \$	2,630,14

<sup>\*</sup>EE Benchmarking program is recoverable over a 1 year period All other EE programs are over a 3 year period

A	В .	c I	D	E F
EE Deferral Calculation		-		
2 DSM/EE Filing Support				
Cost summary for 4/19 - 06/19				
,				
5				
6				
7				
8				
9	Apr-19	May-19	Jun-19	Q2 2019
10				
" EE Current Period Actual Program Cost Deferral:				
Program O&M Costs				
GIG Energy Efficiency				-
Home Depot CFL				
EE Behavior Program (1 year)	957.411.19	319,631.96	565,689.19	1,842,732.34
Residential Home Advantage	,	,	,	1,2 12,1 22.1
Business Energy Report				_
	265,162.51	616,394.05	455,522.74	1,337,079.30
Residential Low Income / PHA (Ph.II)				
Residential Low Income / PHA (PILII)	147,222.06	113,651.56	153,271.47	414,145.09
Residential Lighting	1,719,188.97	1,933,606.08	1,632,014.99	5,284,810.04
Appliance Recycle				
Small Business Direct Install	1,002,530.74	788,033.16	337,330.07	2,127,893.97
Residential New Construction	627,024.08	1,762,193.51	911,964.81	3,301,182.40
K12 Performance - National Theatre	102,413.75	179,387.77	23,393.25	305,194.77
Ereezer Recycle Program				-
Appliances and Devices (previously -Save Energy and \	27,204.54	54,443.84	79,797.23	161,445.61
Residential Energy Assessments	450,322.20	271,156.82	152,312.55	873,791.57
Non-Res Custom Incentive	98,556.02	136,290.42	89,590.07	324,436.51
Residential Home Energy Improvement (Ph.II) Residential Low Income / PHA (Ph.II) Residential Lighting Appliance Recycle Small Business Direct Install Residential New Construction K12 Performance - National Theatre Freezer Recycle Program Appliances and Devices (previously -Save Energy and \ Residential Energy Assessments Non-Res Custom Incentive Non-Res Pres-Lighting Non-Res Pres-Food Service Non-Res Pres-HVAC Mon-Res Pres-HVAC Multi-Family Aerators Multi-Family Pipe Wrap	651,556.76	490,296.49	707,837.93	1,849,691.18
Non-Res Custom Assessments	21,028.31	205,018.61	18,387.20	244,434.12
Non-Res Pres-Food Service	8,771.52	41,174.77	12,230.81	62,177.10
Non-Res Pres-HVAC	71,825.57	57,772.70	54,560.62	184,158.89
Multi-Family Aerators	40,031.24	36,230.16	1,052.80	77,314.20
Multi-Family Pipe Wrap	107,147.10	275,713.00	39,386.70	
				422,246.80
Multi-Family Showerheads	35,883.16	50,697.78	19,244.33	105,825.27
Residential CFL Property Manager				
■ Total EE O&M	6,333,279.72	7,331,692.68	5,253,586.76	18,918,559.16
39				
Program Costs not yet Commission Approved				
Business Energy Report				
42				
G&A	267,155.32	394,918.87	288,977.65	951,051.84
True-up Entry Amount, if any (See **True-up Notes)				,
Subtotal Deferred G&A and O&M	6,600,435.04	7,726,611.55	5,542,564.41	19,869,611.00
	.,,	, -,-	.,.	-,,-
a SC				
4 Program Costs				
CIG Energy Efficiency				_
■ Home Depot CFL	-	-	-	-
	120 241 07	46 452 00	01 600 61	266 074 56
EE Behavior Program	138,241.87	46,152.08	81,680.61	266,074.56
Residential Home Advantage	-	-	-	-
Business Energy Report (3 years)				
Residential Home Energy Improvement (Ph.II)	38,287.17	89,001.95	65,773.53	193,062.65
EE Behavior Program Residential Home Advantage Business Energy Report (3 years) Residential Home Energy Improvement (Ph.II) Residential Low Income / PHA (Ph.II) Residential Lighting (5 years) - updated to 3 years in 20 Solar Hot Water Pilot	21,257.59	16,410.30	22,131.07	59,798.96
Residential Lighting (5 years) - updated to 3 years in 20	248,235.97	279,195.94	235,648.80	763,080.71
	-	-	-	-
Appliance Recycle	-	-	-	-
Small Business Direct Install	144,756.74	113,785.15	48,707.54	307,249.43
	90,536.84	254,445.45	131,679.81	476,662.10
Residential New Construction K12 Performance - National Theatre Freezer Recycle Program Appliances and Devices (previously -Save Energy and \ Residential Energy Assessments - tentatively 5 years Non-Res Custom Incentive Non-Res Pres-Lighting Non-Res Custom Assessments Non-Res Pres-Food Service	14,787.66	25,902.04	3,377.78	44,067.48
Freezer Recycle Program	, ,	-,	-,	,
Appliances and Devices (previously -Save Energy and \	3,928.10	7,861.22	11,522.03	23,311.35
Residential Energy Assessments - tentatively 5 years	65,022.62	39,152.69	21,992.61	126,167.92
Non-Res Custom Incentive	14,230.63	19,679.15	12,936.03	46,845.81
Non-Res Pres-Lighting			102,205.66	267,079.36
Non Res Custom Assessments	94,079.14	70,794.56	,	
Non-Res Custom Assessments	3,036.31	29,602.91	2,654.95	35,294.17
	1,266.53	5,945.28	1,766.02	8,977.83
Non-Res Pres-HVAC	10,370.99	8,341.88	7,878.08	26,590.95
Multi-Family Aerators	5,780.16	5,231.32	152.02	11,163.50
Multi-Family Pipe Wrap	15,471.11	39,810.56	5,687.10	60,968.77
Multi-Family Showerheads	5,181.22	7,320.32	2,778.71	15,280.25
Residential CFL Property Manager	-	-	-	
Total EE O&M	914,470.65	1,058,632.80	758,572.35	2,731,675.80
75		•		•
™ G&A	35,775.28	100,640.77	41,725.87	178,141.92
True-up Entry Amount, if any (See **True-up Notes)	,	,- :=:::	,	-,
Subtotal Deferred O&M and G&A	950,245.93	1,159,273.57	800,298.22	2,909,817.72
m	555,E-10.00	.,,2.,2.	000,200.22	2,300,011.12
Return Calc				
	24 022 55	21 005 04	24 025 42	62.064.70
Debt Component - Net of Tax	21,023.55	21,005.81	21,935.42	63,964.78
	60,771.04	60,719.71	56,488.45	177,979.20
Equity Component - Net of Tax				
Equity Return Tax Gross-Up	18,328.55	18,314.82	17,036.92	53,680.29
				<u>53,680.29</u> 295,624.27

Source: Monthly Accounting File

				-
DSM Deferral Calculation	В	C I	D	E E F
DSM/EE Filing Support				
Cost summary for 4/19 - 06/19				
4				
5				
6				
7				
	Apr-19	May-19	Jun-19	Q2 2019
8	Apr-10	May-10	oun-10	QL 2013
DSM Current Period Actual Program Cost Deferral:				
Program Costs				
CIG Demand Response (Ph. II)	86,626.07	92,575.01	97,937.50	277,138.58
Residential Energy Wise	1,154,752.18	1,182,679.51	1,305,006.93	3,642,438.62
Small Business EE DR	182,076.35	195,962.04	149,769.35	527,807.74
15 Total DSM O&M	1,423,454.60	1,471,216.56	1,552,713.78	4,447,384.94
16				
Program Costs not yet Commission Approved				
Small Business EE DR				
- Cinan Basinsss 22 Bit				
□ G&A	72,120.06	106,610.54	78.011.13	256,741.73
	12,120.00	100,010.04	10,011.13	200,141.10
True-up Entry Amount, if any (See **True-up Notes)	1 405 574 00	1 577 007 10	4 600 704 04	4 704 400 07
22 Subtotal Deferred G&A and O&M	1,495,574.66	1,577,827.10	1,630,724.91	4,704,126.67
23				
24 SC:				
25 Program Costs				
28 CIG Demand Response (Ph. II)	11,668.16	12,469.46	13,191.76	37,329.38
27 Residential Energy Wise	155,540.18	159,301.87	175,778.85	490,620.90
Small Business EE DR	24,524.91	26,395.25	20,173.29	71,093.45
Total DSM O&M	191,733.25	198,166.58	209,143.90	599,043.73
and the state of t	101,100.20	100,100.00	200,110.00	000,010.70
31 G&A	9,009.23	25,284.22	10,507.77	44,801.22
22 True-up Entry Amount, if any (See **True-up Notes)	9,009.23	23,204.22	10,307.77	44,001.22
	000 740 40	000 450 00	040.054.07	040.044.05
33 Subtotal Deferred O&M and G&A	200,742.48	223,450.80	219,651.67	643,844.95
34				
Subtotal Deferred of Program Costs not yet Commission Approved				
36				
37 Recovery				
38 SC	(228,524.76)	(211,824.74)	(318, 289.65)	(758,639.15)
39				
40 Amortizaton				
41 O&M	(265,636.86)	(267,781.31)	(271,440.41)	(804,858.58)
42 G&A	(14,918.38)	(20,343.37)	(15,417.89)	(50,679.64)
	(280,555.24)	(288,124.68)	(286,858.30)	(855,538.22)
	(200,000.24)	(200,124.00)	(200,000.00)	(000,000.22)
4 Carrying Cost Balance				
	E 000 500 00	E 740 740 07	E 670 044 40	47 040 000 00
46 Beg Balance	5,823,530.83	5,743,718.07	5,679,044.19	17,246,293.08
47 plus expense	200,742.48	223,450.80	219,651.67	643,844.95
less amortization	(280,555.24)	(288,124.68)	(286,858.30)	(855,538.22)
40 End Balance	5,743,718.07	5,679,044.19	5,611,837.55	17,034,599.81
Prior Month Ending Balance for return calc (2007- Nov 09 Average Bal.)	5,823,530.83	5,743,718.07	5,679,044.19	17,246,293.08
51				
adit	1,349,271.33	1,330,779.27	1,315,794.78	3,995,845.38
Basis for return calc	4,474,259.50	4,412,938.80	4,363,249.41	13,250,447.70
54				
s Return Calc				
55 Debt Component - Net of Tax	6,904.68	6,866.16	7,109.04	20,879.88
graph Component - Net of Tax	19,958.78	19,847.51	18,307.32	58,113.61
Equity Component - Net of Tax  Equity Return Tax Gross-Up		5,986.45		17,527.51
	6,019.57		5,521.49	
Total Return	32,883.03	32,700.12	30,937.85	96,521.00
60				
61				
62				
Source: Monthly Accounting File				

		DSDR			
ı DS	SDR Deferral Calculation	В	С	D	F F
	SM/EE Filing Support				
3 Co	ost summary for 4/19 - 06/19				
4					
5					
6		4 40		1 . 40	00.0040
7		Apr-19	May-19	Jun-19	Q2 2019
. DS	SDR Current Period Actual Program Cost Defere	al·			
	SDR Program Costs	345,670.14	452,569.16	347,381.83	1,145,621.13
	SDR G&A	•	,	,	, ,
	ue-up Entry Amount, if any (See **True-up Notes)_				
13 Su	btotal Deferred G&A and O&M	345,670.14	452,569.16	347,381.83	1,145,621.13
14 15 SC					
	ogram Costs	46,560.29	60,959.13	46,790.85	154,310.27
17 G8	•	-	-	-	-
	ue-up Entry Amount, if any (See **True-up Notes)_				-
19 Su	btotal Deferred O&M and G&A	46,560.29	60,959.13	46,790.85	154,310.27
20	and Orid Incomes Foresees Assembly	0.400.04	0.400.00	0.055.00	04.000.40
21 511	nart Grid Insurance Expense Accrual	8,186.34	8,120.82	8,055.30	24,362.46
23 Sm	nart Grid Depreciation	131,795.13	131,796.79	131,798.15	395,390.07
	nart Grid Property Tax	33,842.82	33,842.82	33,842.82	101,528.45
25 R8	kE Tax Credit				
26					
27 Su	btotal for Expense Deferral	220,384.58	234,719.56	220,487.12	675,591.25
28 20 Re	eturn on 101 Capital SmartGrid - Debt	20,782.03	20,643.58	20,462.17	61,887.78
	eturn on 101 Capital SmartGrid - Equity	56,608.96	56,231.83	52,434.31	165,275.10
31 Eq	uity Return Tax Gross Up	17,073.26	16,959.52	15,814.19	49,846.97
32 <b>To</b>	tal Return	94,464.25	93,834.93	88,710.67	277,009.85
33					
34 Re	ecovery	(205,224.42)	(203,074.97)	(271,250.22)	(679,549.61)
36	,	(200,224.42)	(200,074.37)	(271,200.22)	(079,049.01)
37					
	nortizaton				
39 O8		(103,429.70)	(108,207.47)	(103,462.87)	(315,100.04)
_₄₀ G8		(29.19)	(29.19)	(29.19)	(87.57)
41 Ott	her (Dep and Prop Tax)	(165,637.95) (269,096.83)	(165,639.61) (273,876.27)	(165,640.97) (269,133.03)	(496,918.52) (812,106.12)
43		(200,000.00)	(2.0,0.0.2.)	(200) (00.00)	(0.2,.002)
4 Ca	rrying Cost Balance				
	eg Balance	2,588,440.38	2,539,728.12	2,500,571.41	7,628,739.91
_	us expense	220,384.58	234,719.56	220,487.12	675,591.25
-	s amortization d Balance	(269,096.83) 2,539,728.12	(273,876.27) 2,500,571.41	(269,133.03) 2,451,925.50	(812,106.12) 7,492,225.03
	ior Month Ending Balance for return calc (2007- N	2,588,440.38	2,539,728.12	2,500,571.41	7,492,225.03
50		_,000,110.00	_,000,/ LO. 1L	_,000,011.11	. ,525,755.01
51 AD	DIT	599,723.52	588,437.23	579,364.89	1,767,525.64
52 Ba	sis for return calc	1,988,716.86	1,951,290.89	1,921,206.52	5,861,214.27
53	turn Cala				
_	eturn Calc Debt Component - Net of Tax	3,068.99	3,011.23	3,130.22	9,210.44
	Equity Component - Net of Tax	8,871.27	8,704.32	8,061.00	25,636.59
	quity Return Tax Gross-Up	2,675.58	2,625.22	2,431.20	7,732.00
58 To	tal Return	14,615.84	14,340.77	13,622.42	42,579.03
59					
60					
62					
s Sc	ource: Monthly Accounting File				